

Anomalous Line Shifts on the SOHO/CDS NIS Detector

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Observations with the SOHO/CDS NIS detector prior to the recovery of SOHO show strong correlations between line shifts and local intensity gradients along the slit. The most plausible explanation is an elliptical, tilted point spread function inducing anomalous line shifts. This must be taken into account when interpreting NIS observations with strong intensity gradients. The optical properties of SOHO/CDS changed quite significantly during the time period when SOHO was out of control. Initial results from a similar analysis of post-recovery data will also be presented.